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Abstract

A quick paging channel in a random access wireless communication system includes at least one bit in a quick paging frame identifying the presence of a paging message for an access terminal or group of access terminals. The quick paging bits identifying the presence of a paging message for a first access terminal is encoded with one or more quick paging bits corresponding to one or more additional access terminals to produce one or more forward error correction bits. The jointly encoded quick paging bits are broadcast to the access terminals by time division multiplexing the quick paging frame with additional frames of information. The paging block can also be compressed. OFDM can be used to transmit the encoded paging block.